26/3/2021

CB Amplifica

$$R_{1} = 20$$

$$R_{2}$$

$$R_{3}$$

$$R_{4}$$

$$R_{5}$$

$$R_{7}$$

$$R_{8}$$

$$R_{1}$$

$$R_{8}$$

$$R_{1}$$

$$R_{2}$$

$$R_{4}$$

$$R_{5}$$

$$R_{6}$$

$$R_{7}$$

$$R_{8}$$

$$R_{1}$$

$$R_{8}$$

$$R_{1}$$

$$R_{1}$$

$$R_{2}$$

$$R_{3}$$

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$$R_{8}$$

$$V_{DD} = 20V$$

$$R_{e} = 12A$$

$$R_{e} = \frac{10}{1mA} = 10m$$

$$10/. q_{DD} (q_{E}) = 2V$$

$$\frac{2}{1mA} = 2m$$

$$I_{RQ} = \frac{D_{CQ}}{\beta} = \frac{1mA}{50} = 20mA$$

$$\left(R_1 + R_2\right) = \frac{20}{20 \mu A \times 10} = 150 \text{ m}$$

$$\frac{R_2}{R_1 + R_2} V_D = 3V$$

$$R_1 + R_2$$

$$R_2 = 15w$$

$$R_1 = 85w$$

CC Amplifier.

OUDD = 20V $R = \frac{16}{3mA} \times 3m$ This